

Rail & Trunk System - Electronic inserts
RTS 1.5M 50W 8C WD DD 3W 3H EM
0042605



Product features

- RTS LED linear luminaire for industrial and commercial applications. 1500 mm length with wide optics provide homogeneous light distribution for open areas. Fitted with switching EM driver + 3W convertor + BST NICD 4.8V 3.0Ah (Self-contained Version). Steel housing, White color, 0 ... +40 °C operating temperature range, 4000 K, CRI 80, 3 SDMC. 53 W power consumption, 8000 lm luminous flux, 151 lm/W efficacy, 1500 mm x 70.2 mm x 78.6 mm (L x W x H) dimensions, IP20, IK03, 220-240 V 50/60 Hz, Class I. Lifespan L70:B50 120,000 hours.



PRODUCT OVERVIEW

Product name	RTS 1.5M 50W 8C WD DD 3W 3H EM
Technology	LED
Housing	Steel
General application	Logistics & Industry
ETIM Class	EC001957
Warranty	5 years
Fixture luminous flux (lm)	8000
Luminaire efficacy (lm/W)	151
Colour temperature (K)	4000
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	90
Photobiological Risk Group	RG1
Luminous flux (emergency) (lm)	550
Total power consumption (W)	53
Electrical protection	Class I
Dimmable	Yes
Dimming method	DALI
Minimum dimming level (%)	1
LED Flickering Rate	Ultra low (5% or less)
Housing colour	White
IP rating	IP20
IK rating	IK03
Product EAN number	5410288426051

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DATA TABLE

General data

Product name	RTS 1.5M 50W 8C WD DD 3W 3H EM
Technology	LED
Housing	Steel
General application	Logistics & Industry
Operating temperature range (°C)	0°C...+40°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC001957
Warranty	5 years

Optical data

Fixture luminous flux (lm)	8000
Luminaire efficacy (lm/W)	151
Colour temperature (K)	4000
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	90
Photobiological Risk Group	RG1
Luminous flux (emergency) (lm)	550
Emergency duration (h)	3

Electrical data

Total power consumption (W)	53
Mains voltage (V)	220-240V
Lamp power factor	0.95
Electrical protection	Class I
Control gear required	No
Transformer required	No
Dimmable	Yes
Dimming method	DALI
Minimum dimming level (%)	1
Drive current (mA)	600
Inrush Current (A)	43.6
Inrush Duration (µs)	188
Glow Wire Test (°C)	650
Energy Efficiency Class (A->G) of contained light source	C
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)
Max. Luminaires per 16A C Breaker	23
Max. Luminaires per 16A B Breaker	14

Lifetime data

Lifespan L70 B50	120000
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Physical data

Housing colour	White
IP rating	IP20
IK rating	IK03
Diffuser finish	Transparent
Diffuser material	PMMA Acrylic
Nominal Product Length (mm)	1500
Nominal Product Width (mm)	70.2
Nominal Product Height (mm)	78.6
Weight (kg)	1.7

Packaging

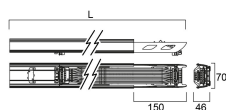
Single packaging type	Without Packaging
Product EAN number	5410288426051
Packaging single length / height (cm)	150.0
Packaging single width (cm)	7.5
Packaging single depth (cm)	6.5
DUN14 (outer)	15410288426058
Units per outer package	10
Packaging outer length / height (cm)	157.0
Packaging outer width (cm)	44.0
Packaging outer depth (cm)	21.0

Safety data

Optimal operating condition (°C)	0-40
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PHOTOMETRY

TECHNICAL DRAWINGS



L 600 900 1202 1500 2403 3000 3605 4500